

TABLE 2C-13
MORTALITY RATES¹ FOR THE FIVE LEADING CAUSES² OF DEATH AMONG ADOLESCENTS (15-19 YEARS)
IN URBAN AND RURAL AREAS³, ARIZONA, 1996-2006

Area/Cause	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	% change from 1996
URBAN												
Accidents (unintentional injuries)	33.8	26.6	32.4	29.8	28.9	33.3	36.1	29.9	37.3	28.9	40.3	19.2
Motor vehicle accidents	27.8	20.0	26.4	22.9	21.9	23.4	27.4	22.0	27.1	20.5	32.2	15.8
Other than motor vehicle	6.0	6.6	6.1	7.0	7.0	9.9	8.7	7.9	10.2	8.4	1.9	-68.3
Assault (homicide)	22.9	19.2	17.7	18.9	16.0	14.4	16.2	13.6	9.9	16.8	20.0	-12.7
Intentional self-harm (suicide)	16.5	21.9	14.7	8.4	12.3	7.4	9.3	9.1	11.4	13.2	10.6	-35.8
Malignant neoplasms	2.8	2.0	4.1	3.3	4.3	5.1	4.4	2.4	4.1	2.8	2.8	0.0
Diseases of heart	1.2	2.3	1.9	2.5	1.7	2.6	1.6	1.2	1.5	1.4	1.4	16.7
ALL CAUSES	93.3	84.5	81.4	72.4	75.4	77.6	82.4	69.8	75.8	75.8	88.9	-4.7
(Number of all deaths)	(232)	(216)	(216)	(199)	(227)	(242)	(265)	(231)	(260)	(270)	(320)	37.9
RURAL												
Accidents (unintentional injuries)	86.0	59.3	57.6	54.9	67.4	57.2	39.8	57.0	54.1	59.4	56.8	-34.0
Motor vehicle accidents	66.8	46.1	44.8	50.4	52.4	39.6	31.3	44.5	46.0	46.2	42.9	-35.8
Other than motor vehicle	18.4	13.2	12.8	4.5	15.0	17.6	8.5	12.5	8.1	13.2	8.8	-52.2
Intentional self-harm (suicide)	16.7	18.1	14.4	16.8	6.0	24.9	12.8	12.5	13.5	18.5	24.0	-47.3
Assault (homicide)	20.0	14.8	8.0	4.6	7.5	5.9	8.5	4.2	14.9	6.6	8.8	20.0
Malignant neoplasms	1.7	8.2	1.6	4.6	1.5	5.9	4.3	2.8	6.8	2.6	6.3	270.6
Diseases of heart	0.0	1.6	3.2	0.0	1.5	2.9	2.8	1.4	0.0	1.3	2.5	N/A
ALL CAUSES	145.1	117.0	91.1	96.1	92.8	123.2	83.9	101.5	102.7	100.3	116.2	-19.9
(Number of all deaths)	(86)	(71)	(57)	(63)	(62)	(84)	(59)	(73)	(76)	(76)	(92)	7.0
STATEWIDE												
Accidents (unintentional injuries)	46.1	35.7	39.9	35.8	35.9	37.6	36.7	34.7	40.5	34.3	43.3	-6.1
Motor vehicle accidents	37.0	27.2	32.3	29.4	27.5	26.3	28.1	26.0	30.7	25.0	34.2	-7.6
Other than motor vehicle	9.1	8.5	7.6	6.5	8.4	11.3	8.6	8.7	9.8	9.3	3.3	-63.7
Assault (homicide)	24.4	19.0	16.8	16.2	14.4	12.9	14.8	11.9	10.8	15.0	18.0	-26.2
Intentional self-harm (suicide)	18.2	23.7	15.2	10.6	11.1	10.5	9.9	9.7	11.8	14.1	13.0	-28.6
Malignant neoplasms	3.3	4.4	3.7	3.5	3.8	5.3	4.3	2.5	4.6	2.8	3.4	3.0
Diseases of heart	1.6	2.2	2.4	2.1	1.6	2.6	1.8	1.2	1.2	1.4	1.6	0.0
ALL CAUSES	114.6	103.1	90.9	81.4	78.9	86.6	82.7	75.4	80.8	80.1	93.8	-18.2
(Number of all deaths)	(353)	(326)	(298)	(277)	(290)	(329)	(324)	(304)	(337)	(346)	(412)	16.7

¹Number of deaths per 100,000 adolescents 15-19 years old.

²The five causes with the greatest number of deaths over the 1996-2006 period.

³Urban = Maricopa, Pima, Pinal, and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: Records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area. The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000-2006 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. Measures of comparison between ICD-9 and ICD-10 - the "comparability ratios" - for the causes of death shown in this report are provided in the **Technical Notes**.